

# Edimax Gemini

## Sada pro domácí WiFi roaming

### RE11

## Průvodce rychlou instalací

06-2016 / v1.0

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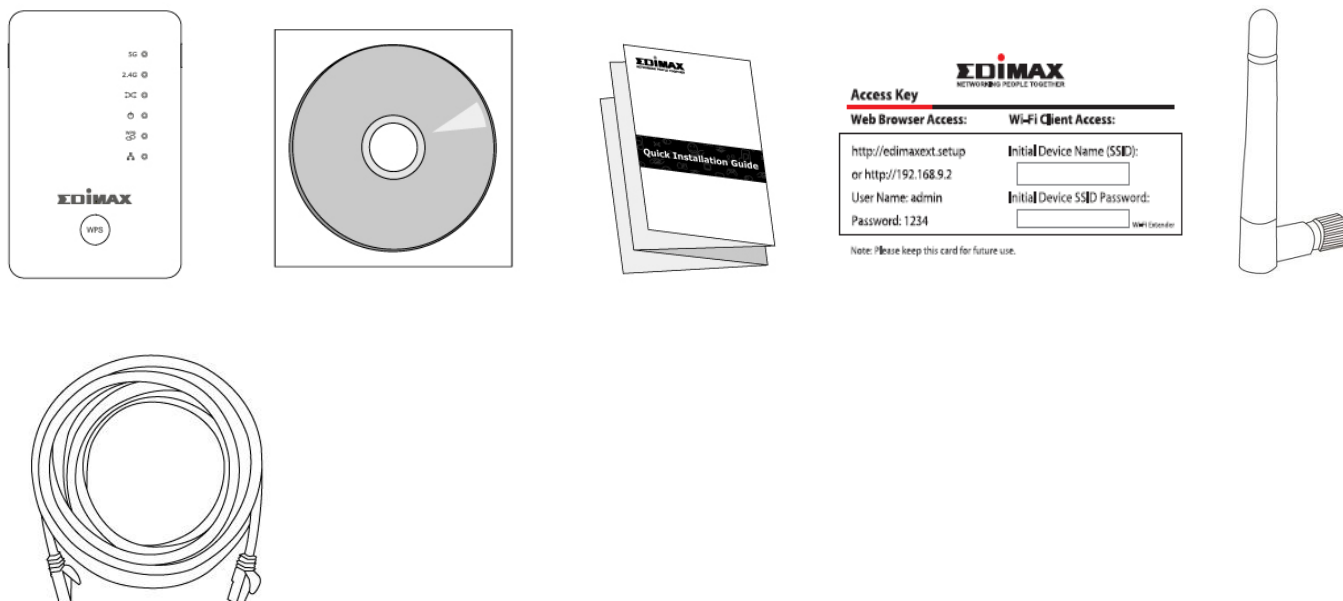
Live Tech Support: 1(800) 652-6776

Email: [support@edimax.com](mailto:support@edimax.com)

# I. Informace o výrobku

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## I-1. Obsah balení



- RE11S - 2 kusy
- Disk CD s vícejazyčným průvodcem rychlou instalací a uživatelskou příručkou
- Průvodce rychlou instalací (QIG)
- Karta s přístupovým kódem
- Anténa - 4 kusy
- RJ45

## I-2. Systémové požadavky

- Režim Wi-Fi extender/Wi-Fi přemostění: Stávající 2,4 GHz a/nebo 5 GHz bezdrátová síť.
- Režim přístupového bodu (Access Point Mode): Kabelový/DSL modem.
- Počítač s Wi-Fi adaptérem 2,4 GHz 802.11/b/g/n a internetový prohlížeč pro konfiguraci softwaru.
- Systém smartphonu: iOS 4.3 nebo Android 4.x a vyšší.

### I-3. Stav LED indikátoru



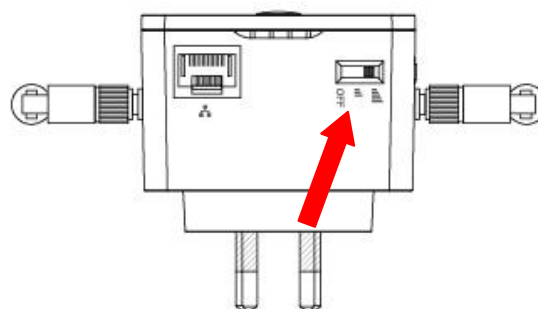
*V zeleném režimu jsou všechny LED indikátory vyřazeny z činnosti. Nejvhodnější síla signálu je 60 - 80 %, protože síla signálu vyšší než 80 % znamená, že je extender pravděpodobně příliš blízko routeru, aby extender pracoval efektivně.*

| LED indikátor     | Barva  | Stav           | Popis                                                                   |
|-------------------|--------|----------------|-------------------------------------------------------------------------|
| Signál 5 GHz      | Modrá  | Svítí          | Vynikající umístění.<br>Síla signálu: 60 - 80 %                         |
|                   |        | Pomalou bliká  | Dobré umístění.<br>Síla signálu: 40 - 60 % a 80 - 100 %                 |
|                   |        | Rychlé blikání | Špatné umístění.<br>Síla signálu: Méně než 40 %                         |
|                   |        | Nesvítí        | Není detekován žádný signál.                                            |
| Signál 2,4 GHz    | Modrá  | Svítí          | Vynikající umístění.<br>Síla signálu: 60 - 80 %                         |
|                   |        | Pomalou bliká  | Dobré umístění.<br>Síla signálu: 40 - 60 % a 80 - 100 %                 |
|                   |        | Rychlé blikání | Špatné umístění.<br>Síla signálu: Méně než 40 %                         |
|                   |        | Nesvítí        | Není detekován žádný signál.                                            |
| Funkce Cross Band | Zelená | Svítí          | Funkce Cross Band aktivována.                                           |
|                   |        | Nesvítí        | Funkce Cross Band deaktivována.                                         |
| Napájení          | Zelená | Svítí          | Extender je zapnutý.                                                    |
|                   |        | Bliká          | Resetování na tovární výchozí nastavení nebo probíhá bootování systému. |

|                   |               |         |                                                                                                    |
|-------------------|---------------|---------|----------------------------------------------------------------------------------------------------|
|                   |               | Nesvítí | Extender je vypnutý.                                                                               |
| <b>Funkce WPS</b> | <b>Zelená</b> | Svítí   | Připojení WPS provedeno (LED indikátor zůstane svítit 30 sekund, aby indikoval úspěšné připojení). |
|                   |               | Bliká   | Probíhá připojení WPS (čekání na připojení dalšího WPS zařízení).                                  |
|                   |               | Nesvítí | Neprobíhá žádné připojení WPS.                                                                     |
| <b>LAN</b>        | <b>Zelená</b> | Svítí   | Port sítě LAN je připojen.                                                                         |
|                   |               | Bliká   | Aktivita sítě LAN (odesílání nebo příjem dat).                                                     |
|                   |               | Nesvítí | Port sítě LAN není připojen.                                                                       |

## I-4. Přepínač

Na modelu RE11S se na spodní části zařízení nachází přepínač hardware, který umožňuje přepínání mezi normálním, zeleným a pohotovostním režimem, jak je zobrazeno v níže uvedené tabulce. „Výkon Wi-Fi“ se vztahuje na sílu rádiového signálu extenderu (Tx).



Používáte-li extender v malém nebo středně velkém prostoru, není nutný maximální výkon bezdrátové sítě. Provedte zkoušku a pomocí zeleného režimu určete, zda máte stále dostatečné pokrytí Wi-Fi. Pokud ano, můžete ušetřit určitou energii.

| Režim              | Poloha spínače | Popis                          |
|--------------------|----------------|--------------------------------|
| Normální           | Horní          | 100% výkon Wi-Fi               |
| Zelený režim       | Střední        | 50% výkon Wi-Fi                |
| Pohotovostní režim | Spodní         | Wi-Fi a LED indikátory vypnuty |



***Síla signálu Tx může být také nastavena pomocí uživatelského rozhraní na bázi internetu. (Bezdrátová → administrace). Před nastavením hodnoty Tx v uživatelském rozhraní na bázi internetu nastavte přepínač na normální režim.***

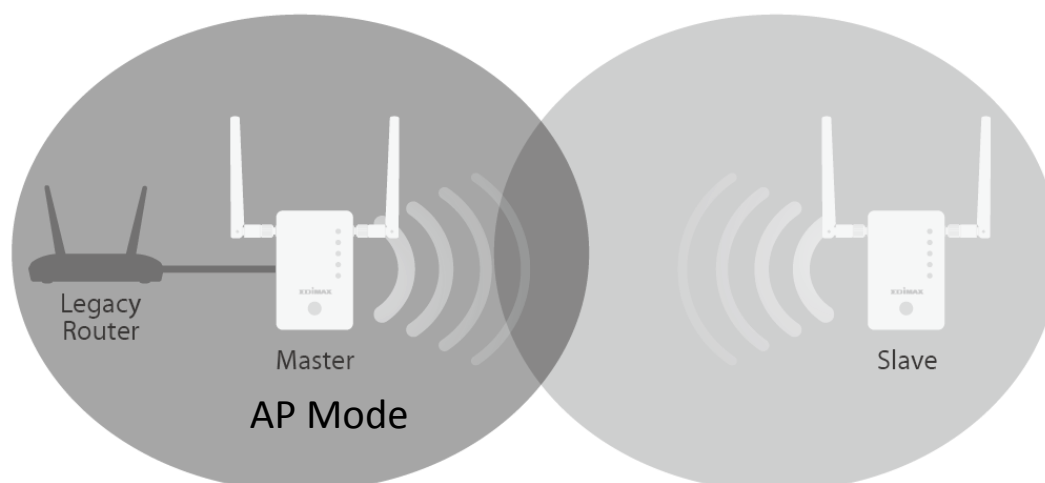
## II. Instalace hlavního extenderu

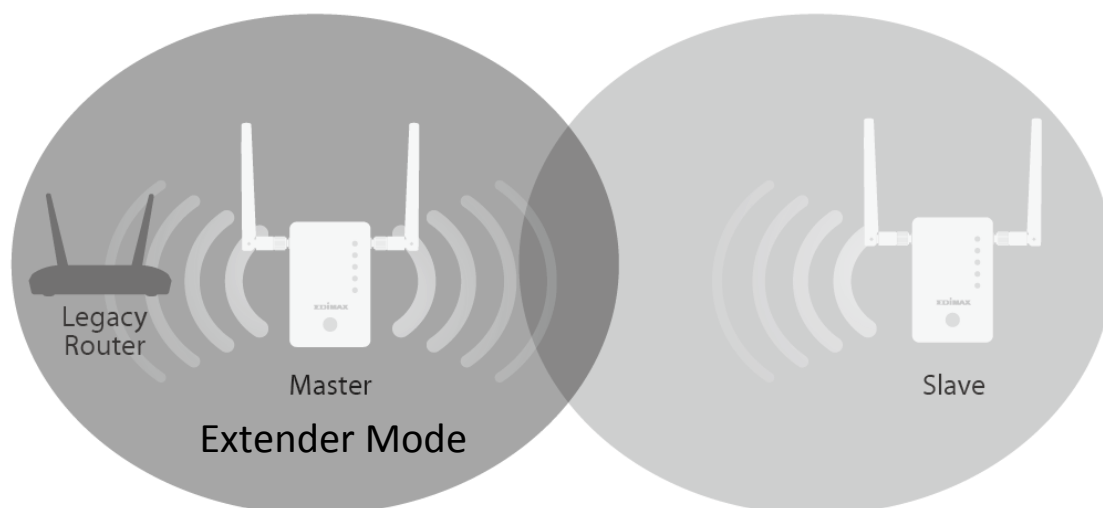
Vaše sada RE11 obsahuje dva extendery podporující roaming. To znamená, že po instalaci vašeho Wi-Fi zařízení (chytré telefony, tablety atd.) dojde k automatickému připojení k nejlépe dostupnému Wi-Fi signálu v okolním prostoru.



**Musíte pouze provést instalaci jednoho extenderu, abyste se mohli připojit k stávající Wi-Fi síti. Tento extender působí jako hlavní extender.**

Pro **druhý extender** (nebo další) potom jednoduše použijte **tlačítko WPS**, aby došlo k připojení k hlavnímu extenderu. Roaming bude k dispozici automaticky a extender(y) budou používat stejné heslo, SSID a další nastavení jako hlavní extender.



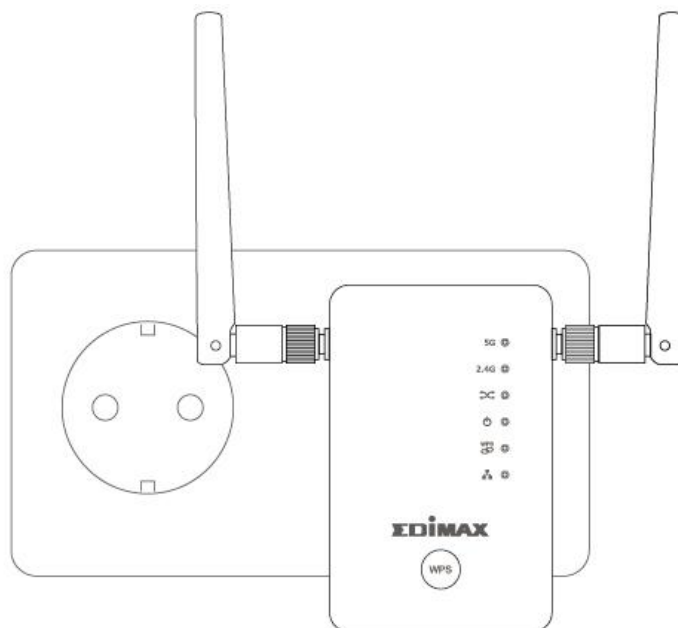


Každý extender RE11S může pracovat v jednom ze tří režimů. Nastavte váš **hlavní** extender v režimu **Wi-Fi extender** nebo **Wi-Fi přístupový bod**, abyste mohli použít roaming.

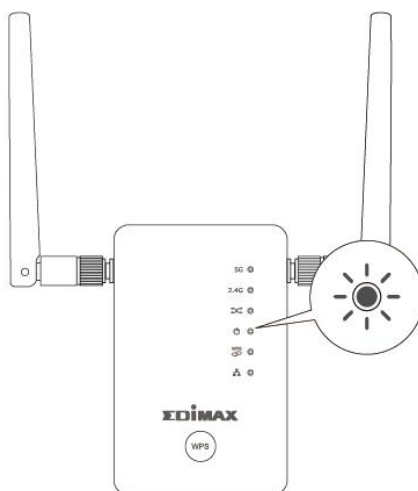
Váš druhý/další extender bude pomocí tlačítka WPS automaticky nastaven na režim Wi-Fi extender. Viz část **IV. WPS a roaming** po nastavení vašeho hlavního extenderu (níže):

|                                         |                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wi-Fi Extender</b>                   | <p><i>Toto zařízení se připojuje bezdrátově k vaší stávající síti a vysílá bezdrátový signál.</i></p> <p><b>Umístění:</b> Nejlepší umístěním vašeho extenderu je místo zhruba uprostřed mezi vaším stávajícím bezdrátovým routerem/přístupovým bodem a mrtvou zónou. Extender musí z vašeho routeru/přístupového bodu přijímat kvalitní Wi-Fi signál.</p> |
| <b>Přístupový bod Wi-Fi</b>             | <p><i>Přístroj se připojuje k stávajícímu routeru pomocí ethernetového kabelu a poskytuje bezdrátové připojení k internetu pro vaše síťová zařízení.</i></p> <p><b>Umístění:</b> Připojen k vašemu routeru pomocí ethernetového kabelu.</p>                                                                                                               |
| <b>Wi-Fi přemostění (Wi-Fi adaptér)</b> | <p><i>Zařízení se připojuje k ethernetovému zařízení, jako je například herní konzola nebo chytrá TV, pomocí ethernetového kabelu a poskytuje bezdrátové připojení k internetu pro toto zařízení.</i></p> <p><b>Umístění:</b> V rámci pokrytí Wi-Fi, v blízkosti vašeho síťového zařízení s kabelem.</p>                                                  |

**1.** Připojte extender RE11S k síťové zásuvce.



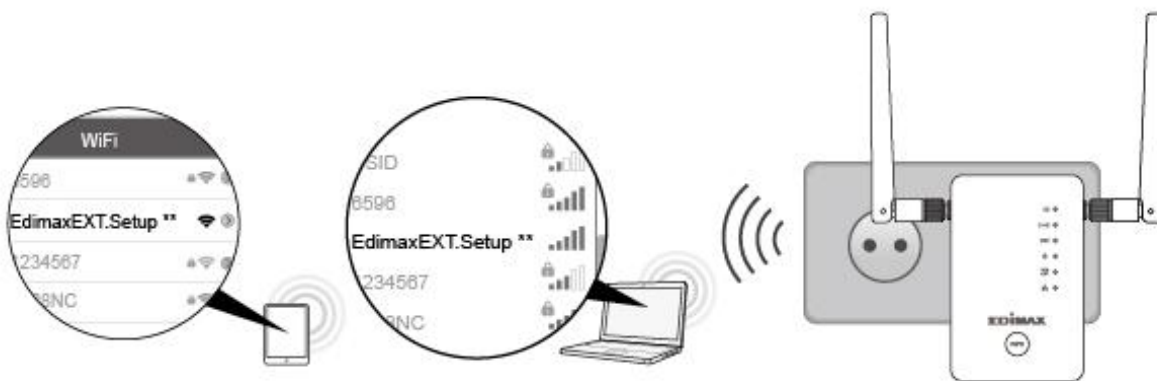
**2.** Při spouštění extenderu bude **zelený** LED indikátor napájení **blikat**. Zařízení je připraveno, jakmile bude **zelený** LED indikátor napájení **svítit**.



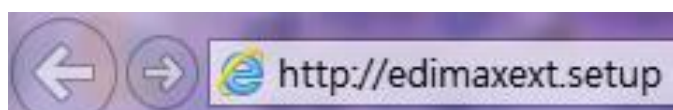
**3.** Použijte Wi-Fi zařízení k připojení identifikátoru SSID „EdimaxEXT.Setup \*\*“. Dva poslední znaky \*\* jsou unikátní pro každé zařízení.



***Používáte-li počítač, odpojte prosím ethernetové kabely.***



4. Otevřete prohlížeč a nebudete-li automaticky přesměrováni na níže zobrazenou obrazovku „Spustit“, zadejte URL adresu ***http://edimaxext.setup*** a klikněte na „**Spustit**“, aby došlo k zahájení procesu instalace.



 ***Nemůžete-li získat přístup na adresu <http://edimaxext.setup>, ujistěte se prosím, zda je váš počítač nastaven tak, aby používal dynamickou IP adresu. Další informace si prosím vyhledejte v uživatelské příručce.***

- 5.** Chcete-li použít jiný provozní režim, klikněte na „Změnit na jiný režim“. Nebo zvolte možnost „Ano, potřebuji extender pro větší dosah“, abyste mohli pokračovat v instalaci v režimu Wi-Fi extender.



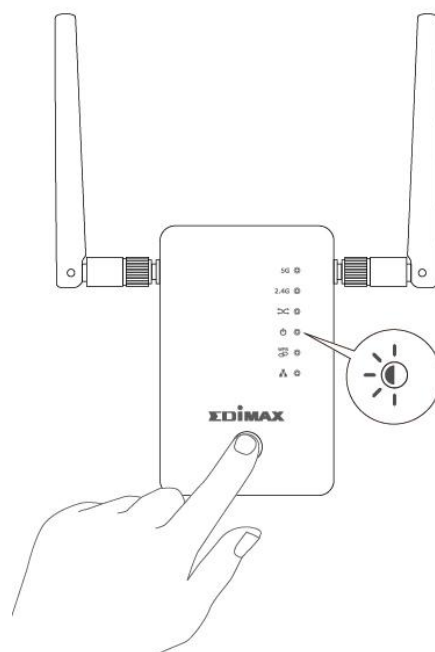
- 6.** Postupujte podle pokynů uvedených na obrazovce pro vámi zvolený režim, aby došlo k dokončení instalace. Toto zařízení může být nakonfigurováno na Wi-Fi 2,4 GHz a/nebo 5 GHz.

### III. Resetování extenderu

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Vyskytnou-li se u vašeho extenderu problémy nebo chcete-li u extenderu provést změnu provozního režimu, můžete toto zařízení resetovat zpět na tovární nastavení. Tím se resetují **všechna** nastavení zpět na výchozí hodnoty.

1. Stiskněte a držte tlačítko WPS minimálně 10 sekund a uvolněte jej, jakmile bude **zelený** LED indikátor napájení **blikat**.
2. Počkejte, dokud neproběhne restartování extenderu. Extender bude připraven na instalaci, bude-li **zelený** LED indikátor napájení **svítit**.

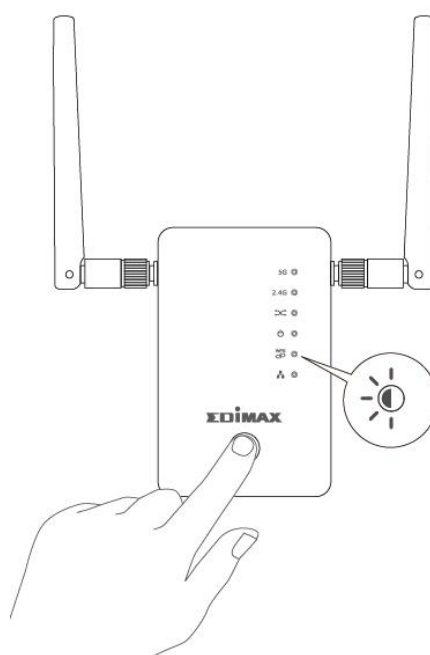


### IV. WPS a Roaming

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Pouhým stisknutím tlačítka WPS mohou být k vaší síti s automatickým roamingem připojeny další extendery. Ujistěte se, zda jsou oba extendery vzájemně v dosahu.

1. Na hlavním extenderu stiskněte tlačítko WPS a držte jej **3 sekundy**.
2. **Do dvou minut** stiskněte a držte tlačítko WPS po dobu **3 sekund** na novém extenderu, který chcete připojit. LED indikátor WPS na extenderu musí blikat **zeleně**, aby indikoval probíhající funkci WPS.
3. Zařízení provedou připojení. Na obou extenderech musí po dobu 30 sekund svítit LED indikátory WPS **zeleně**, aby bylo indikováno úspěšné připojení.



## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

### **FCC Caution**

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

### **Federal Communications Commission (FCC) Radiation Exposure Statement**

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

### **Federal Communications Commission (FCC) RF Exposure Requirements**

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **R&TTE Compliance Statement**

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

### **Safety**

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

### **EU Countries Intended for Use**

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

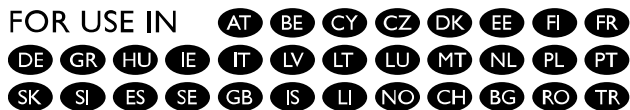
### **EU Countries Not Intended for Use**

None

## EU Declaration of Conformity

- English:** This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2006/95/EC, 2011/65/EC.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2006/95/CE, 2011/65/CE.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2006/95/ES, 2011/65/ES.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2006/95/EC, 2011/65/EC..
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2006/95/CE, 2011/65/CE.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2006/95/EC, 2011/65/EC.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2006/95/EK, 2011/65/EK).
- Türkçe:** Bu cihaz 2006/95/EC, 2011/65/EC direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2006/95/EC, 2011/65/EC.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2006/95/ES, 2011/65/ES.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2006/95/EC, 2011/65/EC.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2006/95/EC, 2011/65/EC.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2006/95/CE, 2011/65/CE.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2006/95/EC, 2011/65/EC..
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2006/95/EC, 2011/65/EC.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2006/95/EC, 2011/65/EC.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2006/95/EG, 2011/65/EG.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2006/95/EC, 2011/65/EC.
- suomen kieli:** Tämä laite täyttää direktiivien 2006/95/EY, 2011/65/EY oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN



### WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

## Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European R&TTE directives.

**Equipment:** AC1200 Wi-Fi Roaming Mesh Extender  
**Model No.:** RE11S

The following European standards for essential requirements have been followed:

**Spectrum:** ETSI EN 300 328 V1.9.1  
ETSI EN 301 893 V1.8.1

**EMC:** EN 301 489-1 V1.9.2 (2011-09);  
EN 301 489-17 V2.2.1 (2012-09)

**EMF:** EN 62311:2008

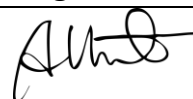
**Safety (LVD):** IEC 60950-1:2005 (2nd Edition) )+Am 1:2009+Am 2:2013  
and or EN-60950-1:2006+A11:2009+A1:2010+ A12:2011+  
A12:2013

Edimax Technology Co., Ltd.  
No. 3, Wu Chuan 3<sup>rd</sup> Road,  
Wu-Ku Industrial Park,  
New Taipei City, Taiwan



Date of Signature: August, 2014

Signature:



Printed Name:

Albert Chang

Title:

Director

Edimax Technology Co., Ltd.

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